

Claims

1. In a set of protective gear for a firefighter or for an emergency worker, the set comprising a helmet, which is adapted to cover upper portions of the head of a wearer, a cover, which is adapted to cover the helmet, and a shroud, which is adapted to cover lower portions of the head, face, and neck of the wearer, an improvement wherein the cover is joined to the shroud along an uninterrupted juncture extending around a posterior portion of the head of the wearer, so as to eliminate any gap between the shroud and the cover, where the cover is joined to the shroud.

10 2. The improvement of claim 1, wherein the uninterrupted juncture does not extend around an anterior portion of the head of the wearer.

3. The improvement of claim 1, wherein the cover and the shroud have outer surfaces that are heat-reflective.

15 4. The improvement of claim 1, where in the cover and the shroud have outer surfaces that are aluminized so as to be heat-reflective.

5. The improvement of claim 2, wherein the cover and the shroud have outer surfaces that are heat-reflective.

6. The improvement of claim 2, where in the cover and the shroud have outer surfaces that are aluminized so as to be heat-reflective.

20 7. The improvement of claim 1, 2, 3, 4, 5, or 6, wherein the uninterrupted juncture is defined by a permanent seam.

8. The improvement of claim 7, wherein the seam is sewn.

9. The improvement of claim 8, wherein the seam is sealed by an adhesive sealant so as to be fluid-impervious.

10. The improvement of claim 1, 2, 3, 4, 5, or 6, wherein the uninterrupted juncture is included in a common region forming an integral part of the cover and forming an integral part of the shroud.

11. The improvement of claim 10, wherein the common region including
5 the uninterrupted juncture has an outer surface that is heat-reflective.

12. The improvement of claim 10, wherein the common region including
the uninterrupted juncture has an outer surface that is aluminized so as to be heat-
reflective.